ABSTRACT OF THE DISCLOSURE

Disclosed is a perpendicular magnetic recording medium comprising a perpendicular magnetic layer formed at 280 to 450℃ by using a magnetic layer-forming material containing at least one additive component selected from the group consisting of cobalt, platinum, chromium, molybdenum and tungsten, the magnetic perpendicular layer being constructed to include a plurality of magnetic crystal grains separated from each other by crystal grain boundaries and providing the perpendicular magnetic layer in which the additive component is segregated in the crystal grain boundaries.